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(54) OTU frame generating apparatus and method

(57) An overhead data generating unit (100) stores and generates the non-multiframe structured data and the multiframe structured data to be inserted into the overhead portion of an OTU frame. The overhead data generating unit (100) includes a memory (25) which stores the multiframe structured data corresponding to sequence numbers in each multiframe unit of 256 frames (or the number of frames of 1/2 or 1/4 thereof) from 0 to 255 which are needed for completing a set of meaningful

data for each predetermined data item. An editing unit (30) reads at least the multiframe structured data corresponding to the sequence numbers, and causes to list-display each multiframe in order of the sequence numbers to a display unit (32), and carries out editing processing in each multiframe unit with respect to the multiframe structured data in accordance with an arbitrary setting by an operating unit (31).



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	KAPLAN F: "UEBERBLICK UEBER DIE ITU-T-EMPFEHUNG G-709" NTZ (NACHRICHTENTECHNISCHE ZEITSCHRIFT), VDE VERLAG GMBH., BERLIN, DE, vol. 55, no. 9, 2002, pages 24-27, XP001125136 ISSN: 0948-728X * the whole document *	1-20	H04J3/04
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 201374 A (ANRITSU CORP), 27 July 2001 (2001-07-27) * the whole document *	1-20	
A	PAPADIMITRIOU ALCATEL J LANG CALIENT D: "G.709 Encoding for Link Management Protocol (LMP) Test messages draft-papadimitriou-ccamp-lmp-test-g709-00 .txt; draft-papadimitriou-ccamp-lmp-test-g709-00 .txt" IETF STANDARD-WORKING-DRAFT, INTERNET ENGINEERING TASK FORCE, IETF, CH, October 2002 (2002-10), XP015004765 ISSN: 0000-0004 * the whole document *	1-20	TECHNICAL FIELDS SEARCHED (IPC)
A	"Interface for the optical transport network (OTN)" ITU-T RECOMMENDATION G.709, February 2001 (2001-02), pages 1-80, XP002195641 * the whole document *	1-20	H04J
1	The present search report has been drawn up for all claims		
Place of search		Date of completion of the search	Examiner
Munich		31 March 2006	Belloni, P
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 01 6331

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2001201374 A	27-07-2001	NONE	

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82